Ref	Hits	Search Query	DBs	Default	Plurals	Time Stamp
#		,		Operator		•
L1	2343	709/224.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L2	3829	707/10.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L3	1276	707/6.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L4	936	714/25-26.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L5	1624	714/47-49.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L6	275	714/57.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L7	9472	L1 L2 L3 L4 L5 L6	USPAT	OR	OFF	2005/10/12 11:51
L8	65855	clock with synchron\$9	USPAT	OR	OFF	2005/10/12 11:51
L9	2343	709/224.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L10	3829	707/10.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L11	1276	707/6.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L12	936	714/25-26.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L13	1624	714/47-49.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L14	275	714/57.ccls.	USPAT	OR	OFF	2005/10/12 11:51
L15	9472	L9 L10 L11 L12 L13 L14	USPAT	OR	OFF	2005/10/12 11:51
L16	3371336	@ad<"20020226"	USPAT	OR	OFF	2005/10/12 11:51
L17	902411	alarm\$2, event\$2, alert\$2, error\$2, fault\$2	USPAT	OR	OFF	2005/10/12 11:51
L18	94643	log, logs, logging	USPAT	OR	OFF	2005/10/12 11:51
L19	20970	network near5 manag\$5	USPAT	OR	OFF	2005/10/12 11:51
L20	8909	L15 and L16	USPAT	OR	OFF	2005/10/12 11:51
L21	402	L8 and L20	USPAT	OR	OFF	2005/10/12 11:51
L22	67	L19 and L21	USPAT	O R	OFF	2005/10/12 11:51
L23	38	L18 and L22	USPAT	OR	OFF	2005/10/12 11:51
L24	10319	L17 with L18	USPAT	OR	OFF	2005/10/12 11:51
L25	24	L24 and L23	USPAT	OR	OFF	2005/10/12 11:51
L26	3371336	@ad<"20020226"	USPAT	OR	OFF	2005/10/12 11:51
L27	8909	L7 and L26	USPAT	OR	OFF	2005/10/12 11:51
L28	450138	log\$5	USPAT	OR .	OFF	2005/10/12 11:51
L29	6351	L27 and L28	USPAT	OR	OFF	2005/10/12 11:51
L30	219466	synchroniz\$6	USPAT	OR	OFF	2005/10/12 11:51
L31	26811	L28 same L30	USPAT	OR	OFF	2005/10/12 11:51
L32	393	L29 and L31	USPAT	OR	OFF	2005/10/12 11:51
L33	576	"storage area network"	USPAT	OR	OFF	2005/10/12 11:51
L34	6	L32 and L33	USPAT	OR	OFF	2005/10/12 11:51
L35	20970	network near5 manag\$5	USPAT	OR	OFF	2005/10/12 11:51
L36	208	jini, jcore	USPAT	OR	OFF	2005/10/12 11:51

				,	ı	
L37	79	L35 and L36 and L26	USPAT	OR	OFF	2005/10/12 11:51
L38	24	L37 and L7	USPAT	OR	OFF	2005/10/12 11:51
L39	902411	alarm\$2, event\$2, alert\$2, error\$2, fault\$2	USPAT	OR	OFF	2005/10/12 11:51
L40	79205	L39 same L28	USPAT	OR	OFF	2005/10/12 11:51
L41	281	L32 and L40	USPAT	OR	OFF	2005/10/12 11:51
L42	94643	log, logs, logging	USPAT	QR	OFF	2005/10/12 11:51
L43	137	L41 and L42	USPAT	OR	OFF	2005/10/12 11:51
L44	63	L43 and L35	USPAT	OR	OFF	2005/10/12 11:51
S1	50	("5469562" "5481699" "6234176" "5749913" "4914686" "5937029" "6466970" "6601100" "4800492" "4860836" "5220674" "5237539" "5721917" "5737600" "5778882" "5991742" "6026290" "6095985" "6318463" "6419636" "4851937" "4888652" "5549115" "5674252" "5680864" "6041257" "6047207" "6446086" "6807166" "6076740" "6157942" "5893116" "6101244" "5485608" "5524205" "5537550" "5713008" "5864665" "5913041" "5935262" "5987611" "6070243" "6247149" "6470388" "6717938" "6775372" "5784612" "6353446" "6430711" "6532479").pn.	USPAT	OR .	OFF	2005/10/11 15:15
S2	49	("5437163" "5038319", "6073114" "6106297" "5845067" "6769003" "4504438" "5991771" "6282441" "6326916" "6367029" "6571270" "4540209" "4359687" "4398151" "4615121" "4762356" "4811249" "4990773" "5293128" "5406997" "5552987" "5653350" "6088514" "6144717" "6205449" "6539501" "6658470" "6813623" "5553006" "5798945" "6424293" "6650597" "5857190" "5943675" "6065053" "6073255" "6088816" "6091721" "6138250" "6145098" "6163849" "5495607" "5621795" "5768528" "5809242" "5870552" "5944824" "5956715").pn.	USPAT	OR .	OFF	2005/03/09 12:41
S3	99	S1 S2	USPAT	OR	OFF	2005/03/09 14:10
S4	1	"5857190".pn.	USPAT	OR	OFF	2005/03/09 16:12
S5	2086	709/224.ccls.	USPAT	OR	OFF	2005/03/09 16:13
S6	3452	707/10.ccls.	USPAT	OR	OFF	2005/03/09 16:13
S7	1167	707/6.ccls.	USPAT	OR	OFF	2005/03/09 16:13
S8	879	714/25-26.ccls.	USPAT	OR	OFF	2005/03/09 16:14
	L	· · · · · · · · · · · · · · · · · · ·	L	L		L

S9 1515 714/47-49.ccls. USPAT OR OFF 2005/03/09 16:14 S10 257 714/57.ccls. USPAT OR OFF 2005/03/09 16:15 S11 8625 55 56 57 58 59 510 USPAT OR OFF 2005/03/09 16:15 S12 3347799 @ad *20020226* USPAT OR OFF 2005/03/09 16:15 S14 431039 log\$5 USPAT OR OFF 2005/03/09 16:15 S15 593 S13 and S14 USPAT OR OFF 2005/03/09 16:16 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S16 21214 Synchroniz\$8 USPAT OR OFF 2005/03/09 16:16 S17 2938 S14 some S16 USPAT OR							7
S11 8625 S5 S6 S7 S8 S9 S10 USPAT OR OFF 2005/03/09 16:15 S12 3347799 @ad<"20020226"	S9	1515	714/47-49.ccls.	USPAT	OR	OFF	2005/03/09 16:14
S12 3347799 @ad<"20020226" USPAT OR OFF 2005/03/09 16:15 S13 8307 S11 and S12 USPAT OR OFF 2005/03/09 16:15 S14 431039 log\$5 USPAT OR OFF 2005/03/09 16:15 S15 5939 S13 and S14 USPAT OR OFF 2005/03/09 16:16 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S17 25938 S14 same S16 USPAT OR OFF 2005/03/09 16:16 S18 1399 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 Jalam\$2, event\$2, alert\$2, elert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S22 871680 S22 ame S14 US	S10	257	714/57.ccls.	USPAT	OR	OFF	2005/03/09 16:15
S13 8307 S11 and S12 USPAT OR OFF 2005/03/09 16:15 S14 431039 log\$5 USPAT OR OFF 2005/03/09 16:15 S15 5939 S13 and S14 USPAT OR OFF 2005/03/09 16:16 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S17 25938 S14 same S16 USPAT OR OFF 2005/03/09 16:16 S18 1393 315 and S17 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, erent\$2, whith starts alert\$2, erent\$2, alert\$2, eren	S11	8625	S5 S6 S7 S8 S9 S10	USPAT	OR	OFF	2005/03/09 16:15
S14 431039 log\$5 USPAT OR OFF 2005/03/09 16:15 S15 5939 S13 and S14 USPAT OR OFF 2005/03/09 16:15 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S17 25938 S14 same S16 USPAT OR OFF 2005/03/09 16:16 S18 1399 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S19 376 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, erro*2,	S12	3347799	@ad<"20020226"	USPAT	OR	OFF	2005/03/09 16:15
S15 5939 S13 and S14 USPAT OR OFF 2005/03/09 16:15 S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S17 25938 S14 same S16 USPAT OR OFF 2005/03/09 16:16 S18 1399 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S19 376 S15 and S17 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$\$\frac{2}{2}\$, event\$\$\frac{2}{2}\$, alert\$\$\frac{2}{2}\$, alert\$\$\frac{2}{2}\$ USPAT OR OFF 2005/03/09 16:16 S22 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:19 S25 4 S23 and S2	S13	8307	S11 and S12	USPAT	OR	OFF	2005/03/09 16:15
S16 212124 synchroniz\$6 USPAT OR OFF 2005/03/09 16:16 S17 25938 S14 same S16 USPAT OR OFF 2005/03/09 16:16 S18 1399 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S19 376 S15 and S17 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S22 871680 S22 same S14 USPAT OR OFF 2005/03/09 16:16 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 199 S26 and S21 USPAT	S14	431039	log\$5	USPAT	OR	OFF	2005/03/09 16:15
517 25938 514 same \$16 USPAT OR OFF 2005/03/09 16:16 518 1399 \$15 and \$16 USPAT OR OFF 2005/03/09 16:16 519 376 \$15 and \$17 USPAT OR OFF 2005/03/09 16:16 520 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 521 6 \$19 and \$20 USPAT OR OFF 2005/03/09 16:16 522 871680 alarm\$\$2\$, event\$\$2\$, alert\$\$2\$, USPAT OR OFF 2005/03/09 16:16 522 871680 262 \$22 same \$14 USPAT OR OFF 2005/03/09 16:16 524 269 \$23 and \$519 USPAT OR OFF 2005/03/09 16:17 525 4 \$23 and \$21 USPAT OR OFF 2005/03/09 16:18 526 269 \$19 and \$23 USPAT OR OFF 2005/03/09 16:19 527 90328 log, logs, logging USPAT	S15	5939	S13 and S14	USPAT	OR	OFF	2005/03/09 16:15
S18 1399 S15 and S16 USPAT OR OFF 2005/03/09 16:16 S19 376 S15 and S17 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S23 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:17 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:18 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT	S16	212124	synchroniz\$6	USPAT	OR	OFF	2005/03/09 16:16
S19 376 S15 and S17 USPAT OR OFF 2005/03/09 16:16 S20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S23 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:17 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:18 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT	S17	25938	S14 same S16	USPAT	OR	OFF	2005/03/09 16:16
\$20 404 "storage area network" USPAT OR OFF 2005/03/09 16:16 \$21 6 \$19 and \$20 USPAT OR OFF 2005/03/09 16:16 \$22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 \$23 75824 \$22 same \$14 USPAT OR OFF 2005/03/09 16:17 \$24 269 \$23 and \$19 USPAT OR OFF 2005/03/09 16:17 \$25 4 \$23 and \$21 USPAT OR OFF 2005/03/09 16:18 \$26 269 \$19 and \$23 USPAT OR OFF 2005/03/09 16:19 \$27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 \$28 129 \$26 and \$227 USPAT OR OFF 2005/03/09 16:21 \$29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:30 \$30 60 \$28 and \$29 USPAT<	S18	1399	S15 and S16	USPAT	OR	OFF	2005/03/09 16:16
S21 6 S19 and S20 USPAT OR OFF 2005/03/09 16:16 S22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S23 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:17 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:19 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR	S19	376	S15 and S17	USPAT	OR	OFF	2005/03/09 16:16
S22 871680 alarm\$2, event\$2, alert\$2, error\$2, fault\$2 USPAT OR OFF 2005/03/09 16:16 S23 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:17 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:53 S33 125 S32 and S11 USPAT <t< td=""><td>S20</td><td>404</td><td>"storage area network"</td><td>USPAT</td><td>OR</td><td>OFF</td><td>2005/03/09 16:16</td></t<>	S20	404	"storage area network"	USPAT	OR	OFF	2005/03/09 16:16
S23 75824 S22 same S14 USPAT OR OFF 2005/03/09 16:17 S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR <t< td=""><td>S21</td><td>6</td><td>S19 and S20</td><td>USPAT</td><td>OR</td><td>OFF</td><td>2005/03/09 16:16</td></t<>	S21	6	S19 and S20	USPAT	OR	OFF	2005/03/09 16:16
S24 269 S23 and S19 USPAT OR OFF 2005/03/09 16:17 S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:53 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR O	S22	871680		USPAT	OR	OFF	2005/03/09 16:16
S25 4 S23 and S21 USPAT OR OFF 2005/03/09 16:18 S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:31 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR <td>S23</td> <td>75824</td> <td>S22 same S14</td> <td>USPAT</td> <td>OR</td> <td>OFF</td> <td>2005/03/09 16:17</td>	S23	75824	S22 same S14	USPAT	OR	OFF	2005/03/09 16:17
S26 269 S19 and S23 USPAT OR OFF 2005/03/09 16:19 S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:31 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR <td>S24</td> <td>269</td> <td>S23 and S19</td> <td>USPAT</td> <td>OR</td> <td>OFF</td> <td>2005/03/09 16:17</td>	S24	269	S23 and S19	USPAT	OR	OFF	2005/03/09 16:17
S27 90328 log, logs, logging USPAT OR OFF 2005/03/09 16:19 S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:53 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR OFF 2005/03/10 10:33 S37 63740 clock with synchron\$\$9 USPAT	S25	4	S23 and S21	USPAT	OR	OFF	2005/03/09 16:18
S28 129 S26 and S27 USPAT OR OFF 2005/03/09 16:21 S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:31 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR OFF 2005/03/10 10:32 S37 63740 clock with synchron\$9 USPAT OR OFF 2005/03/10 10:33 S38 2086 709/224.ccls. USPAT <td< td=""><td>S26</td><td>269</td><td>S19 and S23</td><td>USPAT</td><td>OR</td><td>OFF</td><td>2005/03/09 16:19</td></td<>	S26	269	S19 and S23	USPAT	OR	OFF	2005/03/09 16:19
S29 19045 network near5 manag\$5 USPAT OR OFF 2005/03/09 16:21 S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:51 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR OFF 2005/03/10 10:32 S37 63740 clock with synchron\$9 USPAT OR OFF 2005/03/10 10:33 S38 2086 709/224.ccls. USPAT OR OFF 2005/03/10 10:33 S40 1167 707/6.ccls. USPAT <t< td=""><td>S27</td><td>90328</td><td>log, logs, logging</td><td>USPAT</td><td>OR</td><td>OFF</td><td>2005/03/09 16:19</td></t<>	S27	90328	log, logs, logging	USPAT	OR	OFF	2005/03/09 16:19
S30 60 S28 and S29 USPAT OR OFF 2005/03/09 16:30 S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:31 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR OFF 2005/03/10 10:32 S37 63740 clock with synchron\$9 USPAT OR OFF 2005/03/10 10:33 S38 2086 709/224.ccls. USPAT OR OFF 2005/03/10 10:33 S39 3452 707/10.ccls. USPAT OR OFF 2005/03/10 10:33 S40 1167 707/6.ccls. USPAT OR	S28	129	S26 and S27	USPAT	OR	OFF	2005/03/09 16:21
S31 163 jini, jcore USPAT OR OFF 2005/03/09 16:30 S32 63 S29 and S31 and S12 USPAT OR OFF 2005/03/09 16:31 S33 22 S32 and S11 USPAT OR OFF 2005/03/09 16:55 S34 1158 local with log USPAT OR OFF 2005/03/09 16:55 S35 80 S34 and S12 and S11 and S29 USPAT OR OFF 2005/03/09 16:55 S36 75 S22 and S35 USPAT OR OFF 2005/03/09 16:55 S37 63740 clock with synchron\$9 USPAT OR OFF 2005/03/10 10:33 S38 2086 709/224.ccls. USPAT OR OFF 2005/03/10 10:33 S39 3452 707/10.ccls. USPAT OR OFF 2005/03/10 10:33 S40 1167 707/6.ccls. USPAT OR OFF 2005/03/10 10:33 S41 879 714/25-26.ccls. USPAT OR<	S29	19045	network near5 manag\$5	USPAT	OR	OFF	2005/03/09 16:21
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S72	14688	local with log\$3	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2005/10/05 16:00
S73	12165	remote with log\$3	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2005/10/05 16:00
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1 ARTS: a distributed real-time kernel

H. Tokuda, C. W. Mercer

July 1989 ACM SIGOPS Operating Systems Review, Volume 23 Issue 3

Full text available: pdf(1.50 MB)

Additional Information: full citation, abstract, citings, index terms

ARTS is a distributed real-time operating system designed for a real-time systems testbed being developed at Camegle Mellon University. The objective of the testbed is to develop and verify advanced real-time computing technologies for a distributed environment. The tastbed consists of a set of SUN3 workstations connected by a real-time network based on IEEE 802.5 Token Ring and Ethernet. The goal of the ARTS Kernel is not to produce simply a fast real-time executive, but rather to provide users ...

² The design of an interactive online help desk in the Alexandria Digital Library Robert Prince, Jianwen Su, Hong Tang, Yonggang Zhao March 1999 ACM SIGSOFT Software Engineering Notes, Proceedings of the international joint conference on Work activities coordination and

collaboration, Volume 24 Issue 2

Full text available: pdf(1.53 MB)

Additional Information: full citation, abstract, references, citings, index terms

In large software systems such as digital libraries, electronic commerce applications, and customer support systems, the user interface and system are often complex and difficult to navigate. It is necessary to provide users with interactive online support to help users learn how to effectively use these applications. Such online help facilities can include providing tutorials and animated demonstrations, synchronized activities between users and system supporting staff for real time instruction ...

Keywords: collaboration, digital library, online help desk, online support, user interface

CEVA: a tool for collaborative video analysis

Andy Cockburn, Tony Dale

November 1997 Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge

Full text available: pdf(1.23 MB)

Additional Information: full citation, references, index terms

Keywords: collaborative video analysis, design, evaluation, groupware, user interfaces

Inner Workings of WANPIPE



Nenad Corbic, David Mandelstam February 2001 **Linux Journal**

Full text available: html(16.82 KB) Additional Information: full citation, abstract, index terms

Corbic and Mandelstam discuss the structure and user interfaces to the WANPIPE drivers as they have evolved and currently exist.

⁵ Prioritizing remote procedure calls in Ada distributed systems

2000

J. J. Gutiérrez García, M. González Harbour

June 1999 ACM SIGAda Ada Letters, Proceedings of the ninth international workshop on Real-time Ada, Volume XIX Issue 2

Full text available: pdf(487.80 KB) Additional Information: full citation, abstract, citings, index terms

In this paper we discuss the assignment of priorities to the execution of remote procedure calls in distributed real-time systems that are programmed using the Distributed Systems Annex (DSA) of Ada 95. We first discuss the current priority model used in the Glade implementation of the DSA. We then present some theoretical results that show that a more flexible priority assignment methodology can provide much better schedulable utilization levels. Based upon these results we propose an implement ...

Keywords: Ada, Ada Distributed Systems Annex, distributed systems, priority optimization, real-time

⁶ Tera hardware-software cooperation

Gail Alverson, Preston Briggs, Susan Coatney, Simon Kahan, Richard Korry
November 1997 Proceedings of the 1997 ACM/IEEE conference on Supercomputing
(CDROM)

Full text available: pdf(217.50 KB) Additional Information: full citation, abstract, references, citings

The development of Tera's MTA system was unusual. It respected the need for fast hardware and large shared memory, facilitating execution of the most demanding parallel application programs. But at the same time, it met the need for a clean machine model enabling calculated compiler optimizations and easy programming; and the need for novel architectural features necessary to support fast parallel system software. From its inception, system and application needs have molded the MTA architecture. ...

7 Decentralized priority control in data communication



L. Nisnevich, E. Strasbourger

December 1974 ACM SIGARCH Computer Architecture News, Proceedings of the 2nd annual symposium on Computer architecture, Volume 3 Issue 4

Full text available: pdf(617.42 KB) Additional Information: full citation, references, citings

A simulation model for distributed real-time database systems



Özgür Ulusoy, Geneva G. Belford

April 1992 Proceedings of the 25th annual symposium on Simulation

Full text available: 📆 pdf(955.52 KB) Additional Information: full citation, references, citings, index terms

The transport layer: tutorial and survey

Sami Iren, Paul D. Amer, Phillip T. Conrad

December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4

Full text available: pdf(261.78 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

Transport layer protocols provide for end-to-end communication between two or more hosts. This paper presents a tutorial on transport layer concepts and terminology, and a

survey of transport layer services and protocols. The transport layer protocol TCP is used as a reference point, and compared and contrasted with nineteen other protocols designed over the past two decades. The service and protocol features of twelve of the most important protocols are summarized in both text and tables. < ...

Keywords: TCP/IP networks, congestion control, flow control, transport protocol, transport service

10 Operational transformation: Grouping in collaborative graphical editors

Claudia-Lavinia Ignat, Moira C. Norrie

November 2004 Proceedings of the 2004 ACM conference on Computer supported cooperative work

Full text available: pdf(212.15 KB) Additional Information: full citation, abstract, references, index terms

Often collaborative graphical systems lag behind well accepted single-user applications in terms of features supported. The frequently used operations of group/ungroup offered by almost every single-user graphical editor have not been considered by the collaborative graphical editing systems that try to preserve the intentions of the users involved in the concurrent editing. In this paper we present a novel algorithm based on operation serialisation for consistency maintenance in collaborativ ...

Keywords: collaborative graphical editors, consistency, grouping/ungrouping, maintenance, serialisation

11 Stateful distributed interposition

John Reumann, Kang G. Shin

February 2004 ACM Transactions on Computer Systems (TOCS), Volume 22 Issue 1

Full text available: pdf(833.84 KB) Additional Information: full citation, abstract, references, index terms

Interposition-based system enhancements for multitiered servers are difficult to build because important system context is typically lost at application and machine boundaries. For example, resource quotas and user identities do not propagate easily between cooperating services that execute on different hosts or that communicate with each other via intermediary services. Application-transparent system enhancement is difficult to achieve when such context information is obscured by complex servic ...

Keywords: Distributed computing, component services, distributed context, multitiered services, operating systems, server consolidation

12 Modeling and schedulability analysis in the development of real-time distributed Ada systems



J. Javier Gutiérrez, José M. Drake, Michael González Harbour, Julio L. Medina
April 2002 ACM SIGAda Ada Letters, Proceedings of the 11th international workshop
on Real-time Ada workshop, Volume XXII Issue 4

Full text available: 📆 pdf(248.13 KB) Additional Information: full citation, abstract, references, citings

The paper proposes a model for specific Ada structures that can be integrated into our methodology for modeling and performing schedulability analysis in the development phases of distributed real-time applications written in Ada 95 and using its Annexes D and E. This methodology is based on independently modeling the platform, the logical components used, and the real-time situations of the application itself (real-time transactions, workload or timing requirements). The specific models present ...

Keywords: ada, distributed systems, modeling, real-time, schedulability analysis

Implicit coscheduling: coordinated scheduling with implicit information in distributed

<u>systems</u>

Andrea Carol Arpaci-Dusseau

August 2001 ACM Transactions on Computer Systems (TOCS), Volume 19 Issue 3

Full text available: pdf(1.83 MB)

Additional Information: full citation, abstract, references, citings, index

In modern distributed systems, coordinated time-sharing is required for communicating processes to leverage the performance of switch-based networks and low-overhead protocols. Coordinated time-sharing has traditionally been achieved with gang scheduling or explicit coscheduling, implementations of which often suffer from many deficiencies: multiple points of failure, high context-switch overheads, and poor interaction with clientserver, interactive, and I/O -intensive workloads. I ...

Keywords: clusters, coscheduling, gang scheduling, networks of workstations, proportional-share scheduling, two-phase waiting

14 The EM-X parallel computer: architecture and basic performance

Yuetsu Kodama, Hirohumi Sakane, Mitsuhisa Sato, Hayato Yamana, Shuichi Sakai, Yoshinori

May 1995 ACM SIGARCH Computer Architecture News, Proceedings of the 22nd annual international symposium on Computer architecture, Volume 23 Issue 2

Full text available: pdf(1.04 MB)

Additional Information: full citation, abstract, references, citings, index terms

Latency tolerance is essential in achieving high performance on parallel computers for remote function calls and fine-grained remote memory accesses. EM-X supports interprocessor communication on an execution pipeline with small and simple packets. It can create a packet in one cycle, and receive a packet from the network in the on-chip buffer without interruption. EM-X invokes threads on packet arrival, minimizing the overhead of thread switching. It can tolerate communication latency by using ...

15 Implementing on-line simulation upon the World-Wide Web

Wayne J. Davis, Xu Chen, Andrew Brook

December 1998 Proceedings of the 30th conference on Winter simulation

Full text available: Ppdf(169.27 KB) Additional Information: full citation, references, citings, index terms

¹⁶ A novel approach to parenting in functional program evaluation

Julian R. Dermoudy

February 2003 Proceedings of the twenty-sixth Australasian computer science conference on Conference in research and practice in information technology - Volume 16 CRIPTS '03

Full text available: pdf(86.13 KB)

Additional Information: full citation, abstract, references, index terms,

The ability for multiple threads to enter the same graph node without contention and conflict is a necessary component of the graph reduction of functional languages since graph components may be shared. Shared closures, however, compound the difficulty of priority management. The original GUM runtime system does not track which threads require the evaluation of which closures or which sparks relate to which threads. These problems are remedied in the novel implementation of GUM presented here wh ...

Keywords: concurrency, distributed systems, functional programming

17 A message priority assignment algorithm for CAN based networks Zhengou Wang, Huizhu Lu, Marvin Stone

April 1992 Proceedings of the 1992 ACM annual conference on Communications

Full text available: pdf(688.62 KB) Additional Information: full citation, abstract, references, index terms

Controller Area Network (CAN) defines a very efficient medium access control protocol. This protocol solve conflict message transmission conflicts through message priorities, and results in a high channel utilization and short message delay for higher priority messages. An analytical model of the maximum message delay is presented. The maximum delay of different types of messages are formulated in terms of the message priority and the offered load of the system. Based on the maximum delay a ...

18 Remote attribute updating for language-based editors

Thomas W. Reps, Carla Marceau, Tim Teitelbaum

January 1986 Proceedings of the 13th ACM SIGACT-SIGPLAN symposium on Principles of programming languages

Full text available: pdf(2.65 MB) Additional Information: full citation, abstract, references, citings

A major drawback to the use of attribute grammars in language-based editors has been that attributes can only depend on neighboring attributes in a program's syntax tree. This paper concerns new attribute-grammar-based methods that, for a suitable class of grammars, overcome this fundamental limitation. The techniques presented allow the updating algorithm to skip over arbitrarily large sections of the tree that more straightforward updating methods visit node by node. These techniques are then ...

19 ARGOS: An operating system for a computer utility supporting interactive instrument

Paul Day, John Hines

January 1973 ACM SIGOPS Operating Systems Review , Proceedings of the fourth ACM symposium on Operating system principles, Volume 7 Issue 4

Full text available: pdf(750.58 KB) Additional Information: full citation, abstract, references, index terms

"ARGOS" (ARGonne Operating System), which runs on a Xerox Sigma 5 hardware configuration, provides a dynamic multiprogrammed environment which supports the following: data acquisition and interactive control for numerous (currently 19) independently running on-line laboratory experiments; three interactive graphics terminals; FORTRAN IV-H executing at each of 23 remote time-shared terminals; a jobstream from open-shop batch processing; long-term low priority computations (100 CP ...

20 Energy-aware system design: Extending the lifetime of a network of battery-powered mobile devices by remote processing: a markovian decision-based approach Peng Rong, Massoud Pedram

June 2003 Proceedings of the 40th conference on Design automation

Full text available: pdf(331.71 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper addresses the problem of extending the lifetime of a battery-powered mobile host in a client-server wireless network by using task migration and remote processing. This problem is solved by first constructing a stochastic model of the client-server system based on the theory of continuous-time Markovian decision processes. Next the dynamic power management problem with task migration is formulated as a policy optimization problem and solved exactly by using a linear programming approa ...

Keywords: Markovian decision processes, client-server system, network lifetime, remote processing

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